

Serial No.: R53b Div of SN 10/238,587
filed September 11, 2002

IN THE CLAIMS:

1.-8. (Cancelled)

9. (New) A semiconductor integrated circuit device used for an optical disc apparatus having converging means for converging a light spot on the surface of the optical disc, an optical head which has first moving means for moving the light spot, which is applied to the surface of the optical disc, radially across the surface of the optical disc, and second moving means for moving the optical head radially across the surface of the optical disc, for recording or reproducing information, comprising:

spot position detection means for generating a spot position signal which indicates a positional difference in a radial direction of the optical disc, between a center of the optical head and the light spot on a receiving element on the optical head, from an electrical signal outputted by the optical head;

first control means for causing a spot position loop filter to filter the spot position signal to generate a first processed signal and outputting the first processed signal to the first moving means;

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correction signal generation means for receiving the spot position signal as an input, and generating a correction signal for correcting the spot position signal;

subtracting means for subtracting the correction signal from the spot position signal; and

control means for causing a traverse loop filter to filter an output of the subtracting means and outputting the processed output to the second moving means.